

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

Churchill Cabinet Co.
Attn: Mr. Roger Duba, President
4616 West 19th Street
Cicero, Illinois 60804

Application No.: 76030017
Applicant's Designation: 1578A4296
Subject: Wood Product Manufacturing
Date Issued: December 18, 2001
Location: 4616 West 19th Street, Cicero

I.D. No.: 031051AAN
Date Received: June 5, 2001
Expiration Date: December 18, 2006

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of 2 natural gas-fired boilers, 3 natural gas-fired heaters, 5 paint spray booths, 6 silk screen units, 1 baghouse, and 4 cyclones, pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emission of air pollutants from the source to less than major source thresholds (i.e., 25 tons/year for volatile organic material (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for total HAPs), as further described in Attachment A. As a result, the source is excluded from requirements to obtain a Clean Air Act Program (CAAPP) permit.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permit(s) for this location.
2. The Permittee shall comply with 35 Ill. Adm. Code 218.204.
- 3a. Emissions of plant-wide coating operations shall not exceed the following limits.

| <u>Coating Usage</u> | | <u>VOM Content</u> | <u>VOM Emissions</u> | |
|----------------------|-------------------|--------------------|----------------------|--------------------|
| <u>(Gal/Month)</u> | <u>(Gal/Year)</u> | <u>(Lb/Gal)</u> | <u>(Tons/Month)</u> | <u>(Tons/Year)</u> |
| 1,680 | 15,867 | 5.0 | 0.7 | 6.3 |

These limits are based on maximum coating usage and VOM content. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. Emissions of plant-wide thinning and cleanup operations shall not exceed the following limits:

| <u>Thinner and Solvent Usage</u> <u>(Gal/Mo)</u> | <u>Solvent Usage</u> <u>(Gal/Yr)</u> | <u>VOM Content</u> <u>(Lb/Gal)</u> | <u>VOM Emissions</u> <u>(Tons/Mo)</u> | <u>(Tons/Yr)</u> |
|---|---|---------------------------------------|--|------------------|
| 756 | 4,282 | 7.38 | 2.8 | 15.8 |

These limits are based on maximum thinner and solvent usage and VOM content. Compliance with annual limits shall be determined from a running total of 12 months of data.

- c. Emissions and operation of the boilers and heaters shall not exceed the following limits:

| <u>Natural Gas Usage</u> | | | |
|--------------------------|--|---------------------|--|
| <u>(mmscf/Month)</u> | | <u>(mmscf/Year)</u> | |
| 4 | | 40 | |

| <u>Pollutant</u> | <u>Emission Factor</u> <u>(Lb/mmscf)</u> | <u>Emissions</u> <u>(Tons/Month)</u> | <u>(Tons/Year)</u> |
|------------------|---|---|--------------------|
| NO _x | 100 | 0.2 | 2.0 |
| CO | 84 | 0.2 | 1.7 |

These limits are based on maximum natural gas usage and standard AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- d. Emissions of hazardous air pollutants (HAPs), as listed in Section 112(b) of the Clean Air Act, shall not exceed the following limits:

| <u>Item</u> | <u>HAPs Emissions</u> <u>(Tons/Month)</u> | <u>(Tons/Year)</u> |
|----------------|--|--------------------|
| Individual HAP | 0.8 | 9.5 |
| All HAPs | 1.9 | 22.1 |

This general HAP emission limit is to restrict the source below major source HAP levels and provide operational flexibility. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. The emissions of hazardous air pollutants as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single hazardous air pollutant or 25 tons per year of any combination of such hazardous air pollutants, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA.

5. The Permittee shall maintain monthly records of the following items:
 - a. Name, usage, VOM content and HAP content of all coatings, thinners, and cleanup solvents (gallons/month, gallons/year, lb/gallon, and lb/gallon).
 - b. Natural gas usage (mmscf/month and mmscf/year).
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Agency and USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Agency request for records during the course of a source inspection.
7. If there is an exceedance of the requirements of this permit as determined by the record required by this permit, the Permittee shall submit a report to the Agency's Compliance Unit in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016
9. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: VOM and HAPs emissions (tons/month and tons/year).

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If you have any questions on this permit, please call Jim Kallmeyer at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:JDK:psj

cc: IEPA, FOS Region 1
IEPA, Compliance Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emissions from the wood product manufacturing plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Agency used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels, e.g., 25 ton/year of VOM, 10 ton/year of single HAP and 25 ton/yr of total HAPs at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

- 1a. Emissions of plant-wide coating operations shall not exceed the following limits.

| <u>Coating Usage</u> <u>(Gal/Month)</u> | <u>Coating Usage</u> <u>(Gal/Year)</u> | <u>VOM Content</u> <u>(Lb/Gal)</u> | <u>VOM Emissions</u> <u>(Tons/Month)</u> | <u>VOM Emissions</u> <u>(Tons/Year)</u> |
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| <u>Thinner and Solvent Usage</u> <u>(Gal/Mo)</u> | <u>Thinner and Solvent Usage</u> <u>(Gal/Yr)</u> | <u>VOM Content</u> <u>(Lb/Gal)</u> | <u>VOM Emissions</u> <u>(Tons/Mo)</u> | <u>VOM Emissions</u> <u>(Tons/Yr)</u> |
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| | 4 | | 40 |
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